

-1-

Permit No. IN G0055999

STATE OF INDIANA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
(NPDES) PERMIT PROGRAM

FACT SHEET

for

A Draft General NPDES Permit to Discharge into Waters of the State
Proposed to be Issued by the:

Indiana Department of Environmental Management
105 South Meridian Street
Indianapolis, IN 46225

Public Notice No.:

Public Notice Issued on:

Applicants:

Those coal mining operations which hold valid permits issued by the Indiana Department of Natural Resources, Division of Reclamation, Permits Section under IC 13-4.1 of the Indiana Revised Statutes and Chapter 12 of Title 310 of the Indiana Administrative Code Regulations.

Receiving Water: Described on Page 6 of this Fact Sheet.

Use Classification: The receiving water is classified for warmwater aquatic life and full body contact recreation.

I. Tentative Decision on the Application

The above applicants have applied or may apply for inclusion under a general NPDES Permit to discharge wastewaters into the above-described receiving water. The NPDES Permit program is administered by the Indiana Department of Environmental Management pursuant to Sec. 402(b) of the Federal Clean Water Act, as amended, the Indiana Environmental Management Act, as amended (IC 13-7), and Rule 327 IAC 5. The Commissioner has examined the application and has developed a draft permit which is proposed to be issued subject to concurrence of the U.S. Environmental Protection Agency. Principal provisions of the draft permit, including effluent limitations, and other pertinent information, are outlined below.

II. Location of Discharge

A description and/or sketch of the location of the general permit area is appended as Attachment I.

III. Description of Existing Discharge

A quantitative description of the discharge types in terms of significant effluent parameters is appended as Attachment II.

-2-

Permit No. IN G0055999

IV. Description of Effluent Limitations and Effluent Limitations Rationale

- A. The effluent limitations in the draft permit as well as monitoring requirements, and special conditions are described in Attachment III. Also included is an effluent limitations rationale which provides the basis for each limitation or condition.
- B. The other special conditions in the proposed permit may include, but are not necessarily limited to: monitoring, recording, and reporting discharges; limiting discharges of oil, hazardous substances, collected solids, visible floating solids, foams, and effluent batch discharges; planning for electric power failure and spill prevention and containment; and prohibiting bypass of treatment facilities. Persons wishing further information about the special conditions may contact the Indiana Department of Environmental Management.

V. Procedures for the Formulation of Final Determination

- A. Interested persons are invited to submit written comments upon the proposed general permit. Comments should be submitted in person or by mail no later than 30 days after the date of the public notice was issued for the permit application. Deliver or mail all comments to:

Indiana Department of Environmental Management
Permits Section
Office of Water Management
105 South Meridian Street
Indianapolis, IN 46225

The general permit and public notice numbers should appear next to the above address on the envelope and on each page of any submitted comments. All comments received no later than 30 days after the public notice is issued will be considered in the formulation of final determinations. The Indiana Department of Environmental Management will issue final determinations in a timely manner after the expiration of the public comment period.

- B. If written comments indicate a significant public interest in the application, the Commissioner of the Indiana Department of Environmental Management shall hold a public hearing on the application. If held, the public hearing will be designed to collect relevant information pertaining to the application in an orderly and expeditious manner. Public notice of a public hearing will be circulated at least 30 days in advance of such event. The public hearing will be held within the State of Indiana. After the public hearing, the Commissioner of the Indiana Department of Environmental Management will formulate her final determination. Further information regarding the conduct and nature of the public hearings concerning discharge permits may be obtained by contacting the Indiana Department of Environmental Management.

-3-

Permit No. IN G0055999

Requests for a public hearing should: state the name and address of the person requesting the hearing and of any person represented at the hearing by the requester; identify the interest in the proposed permit of the requester and of any person represented by him; state the reasons for the request; state the issues proposed to be considered at the hearing; and state the position of the requester on the issues to be considered at the hearing.

VI. Staff Contact and Availability of Information

Additional information concerning the draft permit or permit issuance procedures may be obtained between the hours of 9:00 a.m. and 4:00 p.m., Monday through Friday from:

Mr. Jim McCurdy at 317/232-8709

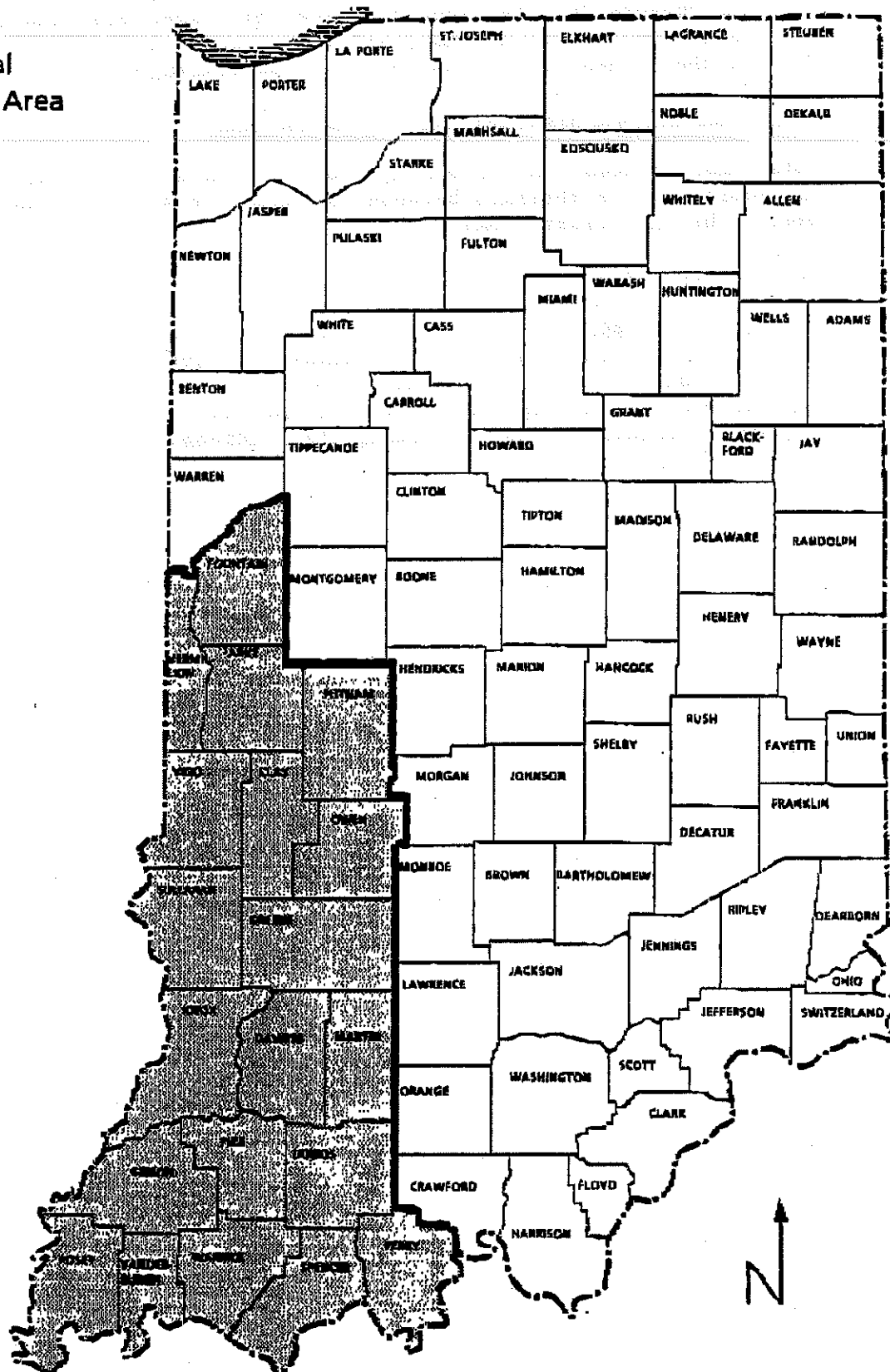
Copies of the application, proposed permit including proposed effluent limitations, special conditions, comments received, and other documents are available for inspection and may be copied at a cost of 15 cents per page at the Indiana Department of Environmental Management, Room 714, 105 South Meridian Street, Indianapolis, Indiana.

Permit No. IN 60055999

Attachment I



**General
Permit Area**



Attachment II

Description of DischargesGeneral

1. Synopsis of Application of General Permit

a. Facility Location

Within the political and geographic boundries of the following counties of the State of Indiana: Vermillion, Fountain, Parke, Putnam, Vigo, Clay, Owen, Sullivan, Greene, Knox, Daviess, Martin, Gibson, Pike, Dubois, Posey, Vanderburgh, Warrick, Spencer, and Perry.

b. Description of Applicant's Operation

The extraction of coal and/or the processing of coal and/or the reclamation of a coal mine or coal processing operation. Operations involved in the storage and/or transport of coal which are not directly associated with a coal mining and/or a coal processing operation are not eligible for this permit.

c. Description of Wastewater Treatment

Sedimentation plus the addition of sodium hydroxide, hydrated lime, calcined (unslaked or quick) lime and/or soda ash as needed.

d. Permitting Action

Initial issuance of a General Permit for coal mining and/or coal processor and/or reclamation coal mining activities in the State of Indiana. There are currently approximately 234 such operations in the State of Indiana which may qualify for inclusion under this general permit. Facilities which are currently permitted by an individual NPDES permit, or new dischargers, may apply for inclusion under this general permit at the time of application for renewal or intital NPDES permit application by including a statement regarding their Notice of Intent to be included with their application.

2. Receiving Water

a. Receiving Water Name

Those waters of the state that comprise the Ohio River basin, the Patoka River basin, the White River basin, the Wabash River basin, and subbasins within the political and geographical confines of the Counties of the State of Indiana listed in 1. a. above (primarily the South West one fourth of the state).

b. Stream Segment Use Designation

Warmwater Aquatic Life and Full-Body Contact Recreation.

-6-

Permit No. IN G055999

c. Stream Low Flow Condition

The Q_{7,10} low flows of the various receiving streams in the general permit area range from zero for the smallest of streams to 981 cubic feet per second for the Wabash River.

d. Water Quality Limited or Technology Limited

Because of the wide variation in the sizes of the receiving streams there are cases of both conditions.

3. Description of Operations

Coal mining and/or coal preparation and/or reclamation operations eligible for this general permit include, undetermined mine drainage, undetermined coal preparation plant and associated areas drainage, alkaline mine drainage and coal preparation plant and associated areas drainage, acid mine drainage and coal preparation plant and associated areas drainage, and reclamation area drainage. A description of each operation follows:

a. Undetermined Mine Drainage

This category is for new coal mining operations which are not yet classified as having either alkaline or acid mine drainage in accordance with the definitions contained in 40 CFR Part 434.11. Such discharges are initially given the effluent limitations for alkaline mine drainage since most coal mines in Indiana are alkaline.

b. Undetermined Coal Preparation Plant and Association Areas Drainage

This category is for new coal processing plants which are not yet classified as having either alkaline or acid drainage in accordance with the definitions contained in 40 CFR Parts 434.22 and 434.23. They are initially given the effluent limitations for acid coal preparation plant and associated areas drainage because coal preparation plant drainage has a high potential for being acidic.

c. Alkaline Mine Discharge and Coal Preparation Plant and Associated Areas Drainage.

This category is for active coal mines and coal preparation plants and associated areas, which have been determined to have alkaline drainage in accordance with the definitions contained in 40 CFR Parts 434.11, 434.22, and 434.23.

d. Acid Mine Drainage and Coal Preparation Plant and Associated Areas Drainage

This category is for active coal mines and coal preparation plants and associated areas which have been determined to have acid drainage in accordance with the definitions contained in 40 CFR Parts 434.11, 434.22, and 434.23.

-7-

Permit No. IN G055999

e. Reclamation Area Drainage

This category is for coal mines and coal preparation plants and associated areas which have become reclamation areas in accordance with the definition contained in 40 CFR Part 434.11.

4. Effluent Limitations Rationale

a. Total Suspended Solids

The effluent limitations for total suspended solids are based on the corresponding effluent limitations found in 40 CFR Parts 434.22, 434.25, 434.30, 434.35, 434.42, 434.45, 434.52, and 434.55.

b. Total Iron

The effluent limitations for total iron are based on the corresponding effluent limits found in 40 CFR Parts 434.23, 434.25, 434.33, 434.35, 434.43, 434.45, 434.53, 434.55, and 434.63.

c. Total Manganese

The effluent limitations for total manganese are based on the corresponding effluent limits found in 40 CFR Parts 434.23, 434.25, 434.33, 434.35, 434.53, and 434.55, 434.63, and 434.64.

d. Settleable Solids

The effluent limitations for settleable solids are based on the corresponding effluent limitations found in 40 CFR, Parts 434.53, 434.55, 434.63, and 434.64.

e. pH

The effluent limitations for pH are based on Indiana Water Quality Standards and 40 CFR Part 434.

f. Effluent Limitations for Precipitation Events

The effluent limitations for precipitation events are based on 40 CFR Part 434.63 and the response to comments found in the Federal Register, Volume 50, No. 196 dated Wednesday, October 9, 1985. U.S. EPA and the State of Indiana have determined that these limits are not applicable to discharges which occur during dry weather base flow.

5. Monitoring Requirements

a. Sampling Frequency

i. Alkaline Drainage

Minimum sampling frequency shall be twice per month for flow, pH, total suspended solids, and total iron. Sampling for influent pH and influent total iron shall be once each month for undetermined mine drainage.

-8-

Permit No. IN G055999

ii. Acid Drainage

Minimum sampling frequency shall be once per week for flow, pH, total suspended solids, total iron, and total manganese. Sampling for influent pH and influent total iron shall be once each month for undetermined coal preparation plant and associated areas drainage..

iii. Reclamation Area Drainage

For initial reclamation areas, which have not received the revegetation bond release, the minimum sampling frequency for flow, pH, and settleable solids is once every three months plus once each month between the months of March through June. For final reclamation areas, which have received the revegetation bond release, the minimum sampling frequency for flow, pH, and settleable solids is once every six months.

b. Aluminum, Copper, Nickel, and Zinc

When the untreated wastewater to a particular outfall is determined to be acid, the effluent from that outfall is sampled for aluminum, copper, nickel, and zinc for one year to determine if significant quantities of these metals are present. If it is determined that the effluent contains significant amounts of any of these metals, then that particular mine is no longer eligible for inclusion in this general permit and the discharges from that mine will be permitted by an individual NPDES permit.

c. Precipitation Events

In order to qualify for the alternate effluent limitations for precipitation events, the permittee must first establish the "Dry Weather Base Flow" which is defined as the normal base flow coming from an area or treatment facility which is not immediately affected by runoff caused by rainfall. The permittee shall state on an attachment to the monthly reporting form which samples were taken under the alternate effluent limitations, the duration of the precipitation event, and the amount of precipitation during the event. Failure to submit the necessary information with the monitoring report will disqualify the discharger from utilizing the alternate effluent limitations.

4. Expiration Date

This permit is proposed to be in effect for five years.

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